IoT monitoring

Bluetooth Temperature and Pressure Transmitter, BLE 4.2

Model CS-iWPT301

Wireless Bluetooth 4.2 temperature and pressure transmitter for oil, steam and heating pipelines, 0–35bar and -50–150°C, monitored through a mobile app.



Accuracy
1%F.S

Protection
IP65

Supply voltage
8–30VDC

Features

- Bluetooth 4.2 (BLE) with mobile app
- Battery 3.6VDC or external 8–30VDC supply
- Pressure accuracy 1%F.S, temperature ±1°C/F.S
- 7/16-20UNF internal thread port
- IP65, battery life over 12 months

Applications

Oil pipelines, Steam pipelines, Heating pipelines

Specifications

Performance	
Pressure range	0–35bar (customizable; 35bar default)
Pressure accuracy	1%F.S
Overload pressure	1.5X
Temperature range	-50–150°C
Temperature accuracy	±1°C/F.S
Compensated temperature	(-10–+80)°C

Electrical	
Insulation resistance	100MΩ@100VDC
Power supply (external)	8–30VDC
Power supply (battery)	3.6VDC, non-chargeable lipo battery-powered
Transmission mode	Bluetooth 4.2

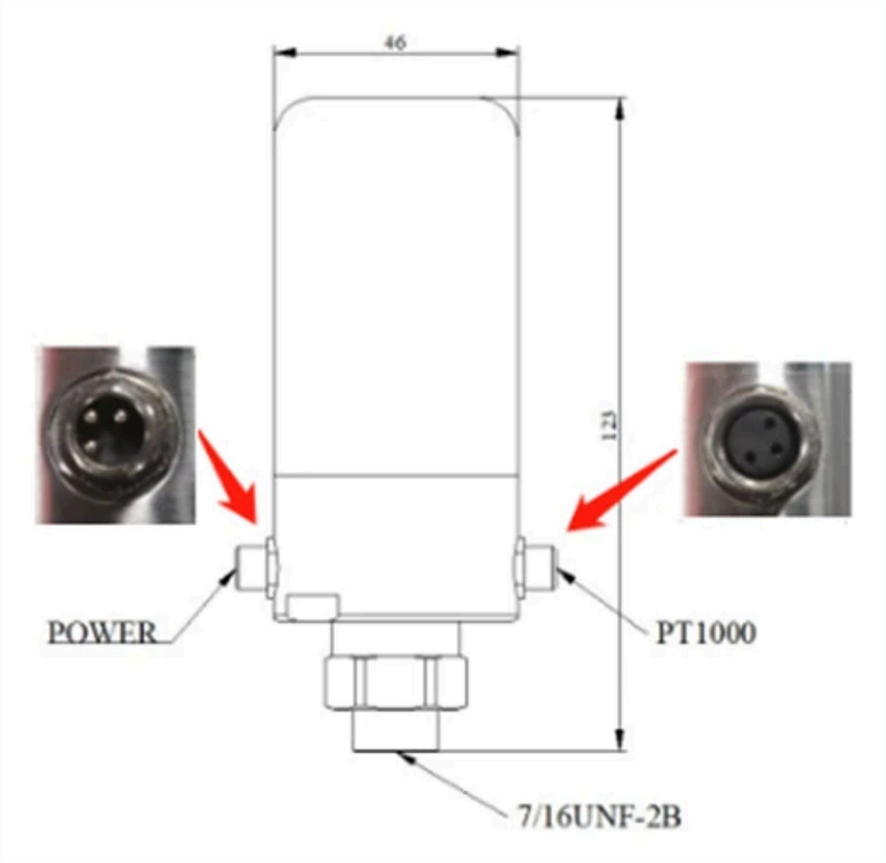
Battery life	More than 12 months
Mechanical	
Testing medium	Liquid or gas compatible with stainless steel and fluoro rubber
Pressure port	7/16-20UNF (internal thread), customized
Protection rate	IP65
Environmental	
Operating temperature	(-40–+85)°C
Storage temperature	(-45–+85)°C

Ordering and support

Pricing, samples, lead time and custom versions: dwinsales@163.com, +86 181 0280 8901.

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Dimensions and wiring



Drawings are for reference. Dimensions in millimetres unless stated.